

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-010589**Date Inspected:** 02-Dec-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Yang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segment**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, M.Manikandan was present during the time noted above for observations relative to the work being performed.

OBG # TRIAL ASSEMBLY YARD

This QA inspector performed dimensional survey along with QA inspector (Mr.Manjunath) for below Cross beam.

Reports forwarded to team leader for further action

CB5 – Gap and offset between CB5 to FL3 of 6AE and 6AW

The readings are as follows:

CB5 Offset and Mis-alignment Reading between FL3 to CB5

At PP 38

East Bound

Location Gap Offset

4th Stiffener 17 1

8th Stiffener 19 1.8

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12th Stiffener 22 1.5

West Bound

Location Gap Offset

4th Stiffener 16 1

8th Stiffener 18 1

12th Stiffener 19 1

Note: Reference taken from Bottom Plate

At PP 39

East Bound

Location Gap Offset

4th Stiffener 12 2

8th Stiffener 13 2

12th Stiffener 10 2

West Bound

Location Gap Offset

4th Stiffener 14 1.5

8th Stiffener 16 0.5

12th Stiffener 22 2

Note: Reference taken from Bottom Plate

At PP 40

East Bound

Location Gap Offset

4th Stiffener 18 1

8th Stiffener 14 2

12th Stiffener 13 2

West Bound

Location Gap Offset

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4th Stiffener 18 1
8th Stiffener 21 1
12th Stiffener 23 2

Note: Reference taken from Bottom Plate

CB5 Offset and Mis-alignment Reading between FL3 to CB5 (Bottom Plate)

AT PP 38 to PP 39 East Bound Side

Location Gap

2nd Stiffener 18
4th Stiffener 26

AT PP 38 to PP 39 West Bound Side

Location Gap

2nd Stiffener 14
4th Stiffener 18

AT PP 39 to PP 40 East Bound Side

Location Gap

2nd Stiffener 18
4th Stiffener 19

AT PP 39 to PP 40 West Bound Side

Location Gap

2nd Stiffener 14
4th Stiffener 15

CB5 Offset and Mis-alignment Reading between FL3 to CB5 (Deck Plate)

AT PP 38 to PP 39 West Bound Side

Location Gap

2nd Stiffener 15

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6th Stiffener 21

9th Stiffener 20

AT PP 38 to PP 39 East Bound Side

Location Gap

2nd Stiffener 15

6th Stiffener 15

9th Stiffener 13

AT PP 39 to PP 40 West Bound Side

Location Gap

2nd Stiffener 22

6th Stiffener 23

9th Stiffener 24

AT PP 39 to PP 40 East Bound Side

Location Gap

2nd Stiffener 11

6th Stiffener 12

9th Stiffener 10

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

Inspected By:	Manikandan,Murugan
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Quality Assurance Inspector

Reviewed By:	Miller,Mark
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QA Reviewer
